Subject: Editorial comments on Section 4
From: Van Snyder

1 Edits

Edits refer to 02-007r3. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by associated text, while a page and line number followed by + (-) indicates that associated text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[The introductory waffle mostly ignores type-bound procedures, but where it doesn't, it's wrong. Editor: After "type" at [41:8] insert a comma; after "components" at [41:8] insert "and type-bound procedures". Delete the first sentence at [41:21] because it's no longer needed. Delete the second sentence at [41:21-22] because it's wrong.] 41:7,20-21

[Repeats verbatim material from 4.2, after which it's upside-down: The attribute determines what variety of a parameter it is. All that's necessary here is the last sentence (but alone it would have a dangling antecedent:] 45:28-46:1

The *type-param-attr-spec* explicitly specifies whether a type parameter is a kind parameter or a nonkind parameter.

[Editor: In lines 10-11 of Note 4.24: "TYPE(MEMBER)" ⇒ "TYPE(MEMBER(9))" twice.] 47:Note 4.24

[Wrong in the case that there's no *procedure-name*, i.e., the type-bound procedure's name is the same as its binding name. Editor: After "*procedure-name*" insert "if *procedure-name* appears or by the procedure having the same name as *binding-name* otherwise".] 49:4

[Sounds like the final subroutine calls the other final subroutines. Editor: Delete "calling" from the second line of Note 4.33 and insert "are called" after "type" on the third line.] 50:18+7-8

[The possibility to use a *type-alias* name for a parent type name was deleted between 02-007r2 and 02-007r3. Compare versions of Constraint 417. Editor: Delete "a *type-alias* name or".] 54:5+2

[The sentence "If the object ... undefined" has nothing to do with *when* an object is finalized, but rather what happens if it's not finalized. A more logical place for it is in 4.5.10.0. Editor: Move the sentence to [60:13+], making it a separate paragraph. Notice, however, that if 02-290 passes it deletes this.] 60:20-21

[Editor: "which" ⇒ "that" at the first line of Note 4.58.] 61:0+2

[Editor: replace "or" by a comma at [61:10] and insert ", or a previously defined type alias" after "type" at [61:11].] 61:10-11

[A *scalar-int-initialization-expr* cannot possibly be a dummy argument. Editor: "present" ⇒ "specified".] 62:28